

## Technical Data Sheet

**Hifax TYC 1235P E S31600**

Polypropylene Compounds

**Product Description**

Hifax TYC 1235P E S31600 is a talc filled PP copolymer, with high melt flow rate, excellent surface appearance and good impact resistance. This grade is delivered in customized color. This Data Sheet is giving general properties.

*This grade is not intended for medical, pharmaceutical, food and drinking water applications.*

<b>Status</b>	Commercial: Active
<b>Availability</b>	Europe
<b>Application</b>	Exterior Trim; Interior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Good Impact Resistance; High Flow; Pleasing Surface Appearance; UV Stabilized

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	31	g/10 min	ISO 1133-1
Density, (23 °C)	1.12	g/cm <sup>3</sup>	ISO 1183-1/A
<b>Mechanical</b>			
Flexural Modulus, (23 °C, Tech. A)	2400	MPa	ISO 178/A1
Flexural Strength, (23 °C, Tech. A)	30	MPa	ISO 178/A1
Tensile Strength, (23 °C)	20	MPa	ISO 527-1, -2
<b>Impact</b>			
Notched Izod Impact Strength, (-30 °C)	3.5	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal</b>			
Deflection Temperature Under Load, (1.80 MPa, Unannealed)	65	°C	ISO 75A-1, -2

**Notes**

These are typical property values not to be construed as specification limits.